

### Abstract of the Disclosure

A method for forming splines on a metallic tube by providing a metallic tube having a known hardness corresponding to T4 temper (10); heating the metallic tube to a temperature sufficient to remove the T4 temper (14); quenching the metallic tube (20); forming splines on the metallic tube (30); and artificially aging the metallic tube, (32) where preferably the metallic tube is a 6000 series aluminum alloy.